

**FRESNO, CALIFORNIA  
CLASS SPECIFICATION**

**CROSS CONNECTION CONTROL TECHNICIAN**

**FLSA STATUS:**

Non-Exempt

**CLASS SUMMARY:**

The Cross Connection Control Technician is a stand-alone classification in the Utilities Cross Connection series. Incumbents are responsible for inspecting, testing, repairing, and maintaining service records on backflow assemblies and conducting surveys of public and private facilities for cross connection.

The Cross Connection Control Technician is distinguished from other classifications by its responsibility for performing activities focused on inspecting and identifying potential hazards associated with water contamination and pollution due to cross connection issues.

**TYPICAL CLASS ESSENTIAL DUTIES:** (These duties are a representative sample; position assignments may vary.)

**FRE-  
QUENCY**

1. Inspects, tests, and repairs backflow prevention assemblies, which requires: determining appropriate tests to implement; identifying and implementing required repairs; identifying backflow devices requiring replacement; determining if backflow devices are approved assemblies; and/or, performing other related activities. Schedule shut-downs for testing and repair and notify customers of service disruption.
2. Conducts backflow surveys of public and private properties and facilities, which requires: determining backflow requirements based on facility; identifying level of potential or actual hazard; identifying internal protection requirements in lieu of service protection; and/or, performing other related activities.
3. Conducts plan check surveys to identify potentially hazardous situations, issuing correction notices for inappropriate installations or applications or inappropriate levels of protection based on specific degree of hazard to the water system at the time of survey; signs off on permits of new installations, replacements, corrections, and holds on occupancy.
4. Maintains service records on backflow prevention assemblies, including mapping new and existing device locations and recording device identification and information. Orders and maintains inventory of backflow parts and gages.
5. Performs other duties of a similar nature or level.

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**Training and Experience** (positions in this class typically require):

- Six months of experience inspecting, testing and repairing backflow prevention assemblies or one year of experience repairing water mains, meters and water service is required;
- OR
- An equivalent combination of education and experience sufficient to successfully perform the essential duties of the job such as those listed above.

**Licensing Requirements** (positions in this class will require):

- Back Flow Prevention Device General Tester Certificate

Some positions, based on assignment, may require:

- Basic Class C License, Noncommercial Class B License
- Cross Connection Control Program Specialist Certification

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**Knowledge** (position requirements at entry):

Knowledge of:

- Applicable Federal, State and Local laws, codes, ordinances, policies, procedures, rules and regulations;
- Cross connection control principles and practices;
- Backflow prevention testing procedures;
- Customer service policies, principles and practices;
- Applicable tools and equipment utilized in assigned area or responsibility;
- Municipal water system and water service components;
- Backflow prevention assembly inspection, testing and repair techniques and procedures;
- Recordkeeping principles and practices;
- Safe work practices and procedures.

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**Skills** (position requirements at entry):

Skill in:

- Inspecting, testing, and repairing backflow prevention assemblies
- Preparing, analyzing, and maintaining operational records
- Conducting surveys for possible cross connection issues
- Interpreting, applying and explaining applicable laws, codes, ordinances, policies, procedures, rules and regulations
- Providing customer services
- Using computers and applicable software applications
- Communication, interpersonal skills as applied to interaction with coworkers, supervisor, the general public, business, organizations, elected and appointed officials, media, etc. sufficient to exchange or convey information, give/receive work direction

**Physical Requirements:**

Positions in this class typically require: feeling, finger dexterity, grasping, hearing, repetitive motions, seeing, talking, bending, kneeling, lifting, reaching, standing, stooping, walking, balancing, climbing, crawling, crouching, pulling and pushing.

Medium Work: Exerting up to 50 pounds of force occasionally, and/or up to 20 pounds of force frequently, and/or up to 10 pounds of force constantly to move objects.

Incumbents may be subjected to environmental hazards, gasses, chemicals, oils, work space restrictions, inadequate lighting, intense noises, extreme temperatures and travel.

**Note:**

The above job description is intended to represent only the key areas of responsibilities; specific position assignments will vary depending on the business needs of the department.

**Classification History:**

Draft prepared by Fox Lawson & Associates (LM)

Date: 12/2007